

ABSTRACT OF THE DISCLOSURE

The present invention provides an apparatus and method for aeration in a filter system. The present invention provides an air injection adaptor for coupling between a filter tank and a valve controller. The air injector adaptor includes an unfiltered water inlet adapted for coupling to the unfiltered water outlet of the valve controller; an unfiltered water outlet in fluid communication with the unfiltered water inlet of the adaptor, the adaptor unfiltered water outlet adapted for coupling to the opening at the upper end of the tank; a filtered water inlet adapted for coupling to the upper end of the stand pipe; a filtered water outlet in communication with the filtered water inlet of the adaptor, the adaptor filtered water outlet adapted for coupling to the filtered water inlet of the control valve; an air source inlet adapted for coupling to a regulated air source; an air source outlet in communication with the air source inlet and adapted for opening into the upper end of the tank; and a vent, the vent having a vent inlet and a vent outlet in communication with the vent inlet, the vent inlet opening into the upper end of the tank.